

CAPITAL IMPROVEMENT PROGRAM

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City of Auburn, New York Capital Improvement Program FY 2011-2015

INTRODUCTION

The City of Auburn Capital Improvement Program (CIP) is a long-term, comprehensive plan for the financing of construction, major repairs, and replacement of capital items related to the City's roadways and waterways, buildings, parks, landfill, heavy equipment, and utility systems. The primary purpose of a CIP is to maintain a community's capital assets and to provide for future needs through careful financial and asset management.

Generally, capital improvements are considered to be those projects, purchases and developments that have a useful life of several years and a cost in excess of \$30,000. Advantages of capital planning include the prioritization of community needs and the advance planning and scheduling of capital expenditures resulting in cost savings of taxpayer dollars.

A well conceived CIP guides capital investments and should be revisited on an annual basis due to changing financial conditions and community needs. The City of Auburn 2011-2015 CIP strives to accomplish the following:

1. Provide for the maintenance of all assets at an adequate level to protect the City's capital investments and to minimize future maintenance and replacement costs;
2. To identify estimated costs and potential funding sources for each capital project proposal; and
3. Establish an annual capital budget in coordination with the development of the annual operating budget.

The 2011-2015 City of Auburn CIP illustrates projects previously authorized by the City Council as well as proposed future projects. These projects are distributed over a period of five years and are categorized according to City's budgetary and accounting system funds as described in the Budget Summary. The first year of the CIP (FY2010-11) consists of very high priority projects. The project funding amounts within the CIP represent the City's portion of a total project's cost. For example, the City receives \$100,000 in grant funding towards a total project cost of \$412,000 to make improvements at the Lower Pump Station. The remaining project cost of \$312,000 included in the CIP would represent the City's cost share needed to complete the project.

GENERAL FUND CAPITAL PROJECTS

Within the General Fund, the City Engineering Department is responsible for more than 93 miles of federally assisted and local roadways. For roadways classified as federally assisted highways, the City continues to pursue Federal Highway Aid and New York State Marchiselli program funding to assist with major reconstruction projects such as York Street, Osborne Street, Walnut Street Culvert and South Street. The Technology Park Infrastructure Project is the only new proposed highway project in the CIP. Other infrastructure projects proposed in this CIP include the State Dam Rehabilitation Project and various bridge improvements.

Other large-scale projects proposed within the General Fund include building improvements at the Municipal Parking Garage and Police and Fire Headquarters. There are also several projects proposed to improve the City's Central Services, which manages the City's information technology system, fire department equipment, heavy-duty vehicles such as replacement fire engines, 6 and 10 wheel vehicles and trash compactor trucks.

SOLID WASTE FUND CAPITAL PROJECTS

The City of Auburn landfill #2, established in 1993 is the primary facility for processing mixed municipal solid waste generated in the City. Priority projects within this account include improvements at the landfill gas blower skid, which moves the landfill gas from the well field to the flare enclosure, and the purchase of replacement heavy-duty vehicles.

WATER AND SEWER FUNDS CAPITAL PROJECTS

Incorporating recommendations from the 2008 Water and Sewer CIP, proposed priority projects include the establishment of an annual water distribution and sewer collection line replacement program, facility renovations at the Lower Pump Station, Slow Sand Filter and Wastewater Treatment Plant as well as initiating engineering and design of the replacement of the City's Raw Water Transmission Main that provides drinking water to over 45,000 Cayuga county residents.

POWER UTILITY FUND CAPITAL PROJECTS

Building on the completed Landfill Gas to Electric Generation Facility at the Wastewater Treatment Plant, a proposed priority project is the construction of a waste heat distribution line from the facility to the City's right-of-way.

CITY OF AUBURN, NEW YORK
 Capital Improvement Program
 FY 2010/11 - FY 2014/15

	Capital Plan by Fund Annual Cost to the City				Projected 5-Year Cost to the City
	2011	2012	2013	2014	
Fiscal Year ending June 30th					
<u>SUMMARY TOTALS:</u>					
General Fund:					
Engineering	3,180,558	4,009,545	4,046,405	4,983,524	5,071,000
Buildings	837,900	943,800	1,020,000	0	5,500,000
General Government	185,000	160,000	0	0	0
Public Safety	30,149	600,000	143,420	395,000	37,700
Public Works/ Refuse Collection	705,000	1,070,000	595,000	460,000	520,000
Total:	4,938,607	6,783,345	5,804,825	5,838,524	11,128,700
Solid Waste Fund:					
Total:	965,000	530,000	50,000	0	0
Water Fund:					
Total:	1,427,000	1,570,000	4,120,000	1,478,000	1,920,000
Sewer Fund:					
Total:	1,488,000	2,525,000	1,515,000	972,200	590,000
Public Utility Fund:					
Total:	700,000	0	0	0	0
Total All Funds:	9,518,607	11,408,445	11,489,825	8,288,724	15,638,700
					54,344,201

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Fiscal Year ending June 30th	Capital Plan by Fund Annual Cost to the City				Projected 5-Year Cost to the City
	2011	2012	2013	2014	
GENERAL FUND:					
Engineering					
Annual Improvement Programs					
Annual Road Improvement Program	1,200,000	1,250,000	1,300,000	1,350,000	6,500,000
Annual Sidewalk & HC Access Curbing Replacement Program	200,000	205,000	210,000	215,000	1,050,000
Annual Local Roadway Reconstruction Program	450,000	450,000	450,000	450,000	2,300,000
Roadway Reconstruction	905,458	301,820			1,207,278
York Street Reconstruction: PIN 375293, N. Div. to Qu. St.		30,200	13,380	427,200	470,780
South Street Reconstruction: PIN 375378, Metcalf to City Line		35,800	90,800	494,000	620,600
Osborne Street Reconstruction: PIN #375375, Loop to Lake		34,000	27,480	206,000	1,347,480
York Street Reconstruction: PIN 375489, JWB & York St.			9,400	7,800	140,800
Walnut Street Culvert over Hunter Brook: PIN #375385		1,627,725	1,857,225	997,164	4,482,114
Technology Park Infrastructure Project			7,120	307,160	314,280
South Street Paving Project: PIN#375458, Lincoln to Metcalf				106,200	106,200
Traffic Signal Upgrading and Improvements: PIN#375443			81,000	300,000	1,931,000
John Walsh Blvd Phase 2					
Bridge Rehabilitation & Replacement	175,000				175,000
Schwartz Drive Culvert		75,000			75,000
North Herman Ave. Bridge				229,200	240,400
N. Division Street Bridge					80,000
Washington St. Bridge over Owasco Outlet				11,200	
Dams	250,100				250,100
State Dam- Dam Safety Improvement Project					
Engineering Subtotal:	3,180,558	4,009,545	4,046,405	4,938,524	21,291,052

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	Capital Plan by Fund Annual Cost to the City				Projected 5-Year Cost to the City
	2011	2012	2013	2014	
Fiscal Year ending June 30th					
Buildings					
Police & Fire Station Energy Efficiency Improvements		50,000			50,000
Police Station Command Center Redesign		249,800			249,800
Fire Headquarters Floor Reconstruction Project		100,000	650,000		750,000
Fire Headquarters Restroom Renovation Project	55,000				55,000
Fire Engine Company #3 HVAC System	782,900	44,000	220,000		264,000
Municipal Parking Garage					782,900
New Fire Station Construction Project		500,000	150,000	5,500,000	6,150,000
Buildings Subtotal	857,900	945,800	1,020,000	5,500,000	8,301,700
General Government:					
Central Services/ Information Technology:	185,000	160,000			345,000
General Government Subtotal	185,000	160,000	0	0	345,000
Public Safety					
Equipment					
FD- Hose and Air Packs	30,149				67,849
FD- Gear Sets Replacement		45,000		37,700	90,000
Vehicles					
Telesquirt Tower Truck (Engine 4)		600,000			600,000
Emergency Response Team Vehicle			63,420		63,420
Inspector Vehicle			35,000		35,000
Heavy Tech Rescue Truck				350,000	350,000
Public Safety Subtotal	30,149	600,000	43,420	37,700	1,066,269

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Fiscal Year ending June 30th	Capital Plan by Fund Annual Cost to the City			Projected 5-Year Cost to the City
	2011	2012	2013	
Public Works/ Refuse Collection				
Right-of-Way Maintenance				
Urban Forestry Program		50,000		50,000
Parks Maintenance				
Equipment				
Aerial lift for Tree Truck #124		50,000		50,000
Vehicles				
#85 (6 wheel) '95	160,000			160,000
#104 (6 wheel) '95	160,000			160,000
#119 (6 wheel) '97	165,000			165,000
#169 (comb) '01	220,000			220,000
#87 (10 wheel) '97		185,000		185,000
#152 (packer) '01		160,000		160,000
#153 (packer) '01		160,000		160,000
Roller Vib. '84		25,000		25,000
#124 (bucket) '96		140,000		140,000
#113 (backhoe) '96		65,000		65,000
#88 (10 wheel) '95		200,000		200,000
Tractor '76		35,000		35,000
#69 (6 wheel) '99			165,000	165,000
#135 (6 wheel) '01			175,000	175,000
#65 (6 wheel) '01			175,000	175,000
#168 (backhoe) '01			80,000	80,000

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Fiscal Year ending June 30th	2011	2012	2013	2014	2015	Projected 5-Year Cost to the City
Vehicles Continued...						
#162 (1 ton) '02				40,000		40,000
#167 (1 ton) '02				40,000		40,000
#106 (1 ton) '02				40,000		40,000
#170 (6 wheel) '02				165,000		165,000
#64 (6 wheel) '02				175,000		175,000
#55 (1 ton) '03					45,000	45,000
Tractor '83					35,000	35,000
#156 (1 ton) '03					45,000	45,000
#107 (1 ton)					45,000	45,000
#154 (packer) '06					175,000	175,000
#155 (packer) '06					175,000	175,000
Public Works/Refuses Collection Subtotal:	705,000	1,407,000	595,000	460,000	520,000	3,550,000
General Fund Total:	4,958,607	6,783,345	5,804,825	5,838,524	11,128,700	34,794,001

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Fiscal Year ending June 30th	Capital Plan by Fund Annual Cost to the City			Projected 5-Year Cost to the City	
	2011	2012	2013		2014
SOLID WASTE FUND:					
Landfill #2			50,000		50,000
Landfill Operation Long-range Master Plan					
Buildings	450,000	450,000			900,000
Gas Skid Improvements					
Vehicles/Equipment	140,000				140,000
#218 (rolloff) '96	375,000				375,000
#D7 (dozer) '02		80,000			80,000
#D3 (dozer)					
Solid Waste Fund Total:	965,000	530,000	50,000	0	1,545,000

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WATER FUND					
Annual Program:					
Annual City Watermain Replacement Program	200,000	200,000	200,000	200,000	820,000
Annual Hydrant Replacement Program			50,000	50,000	150,000
Plant & Pumping Station Improvements					
Water Plant Valve Program	50,000	50,000	50,000	50,000	250,000
Lower Pumping Station Building Renovations/ Valves	312,000				312,000
Slow Sand Filter Building Renovations	550,000				550,000
Security Improvements		270,000			270,000
Rapid Sand Influent Flume		90,000			90,000
Lower Pumping Station Metering			200,000		200,000
Reservoir Baffle System Replacement				112,000	112,000
VFD Replacement Program			120,000		370,000
SCADA/ Telemetry Upgrade		60,000		66,000	126,000
Water Distribution System Improvements					
York Street Water Main Replacement	365,000				365,000
Raw Water Transmission Main	150,000	900,000	1,000,000	1,000,000	4,050,000
Franklin Street Transmission			2,500,000		2,500,000
Increase Pressure on Eastside				350,000	350,000
Vehicles					
					0
Water Fund Totals:	1,427,000	1,570,000	4,120,000	1,478,000	10,515,000

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SEWER FUND:					
Annual Programs					
Sewer Lateral Revolving Loan Program	50,000				50,000
Annual Sewer Pipeline Replacement Program	200,000	200,000	200,000	200,000	1,020,000
Treatment Plant Improvements					
Overflow Retention Facility Upgrade	223,000				223,000
Chain & Flight	815,000				815,000
SCADA System Replacement		2,025,000	135,000		2,025,000
Belt Press Rehab				255,000	135,000
Roof Replacement					255,000
Odor Control				100,000	100,000
Waste Water Collection System:					
Brick Sewer Replacements	200,000			367,200	367,200
WPCP North Interceptor Influent		300,000	1,050,000		1,350,000
Manhole Replacements			130,000		130,000
Woodbrook Flood Control				150,000	150,000
Allen Street Pumping Station Removal				270,000	270,000
Vehicles:					
Sewer Fund Total	1,488,000	2,525,000	1,185,000	972,200	7,090,200

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POWER UTILITY FUND:					
Hydroelectric Projects					0
Mill Street Dam					0
North Division Street Dam					0
Landfill Gas Electric Generation Facility					
Waste Heat Recovery Project	700,000				700,000
Power Utility Fund Total:	700,000	0	0	0	700,000

